

1. $\frac{d}{t} = r$ Roller Coaster Project
 $\frac{\text{feet}}{\text{sec}}$

Blue Streak $\frac{2558 \text{ ft}}{1 \text{ min } 45 \text{ sec}}$ $\frac{2558}{105} = 24.3$
 $60 + 45$

$24.36 \Rightarrow 24 \text{ ft/sec}$

Round to nearest whole number

#2. (time, distance)

Blue streak

- (1, 24)
- (2, 48)
- (3, 72)
- (4, 96)
- (5, 120)
- (6, 144)
- (7, 168)
- (8, 192)
- (9, 216)
- (10, 240)

$\begin{array}{r} 192 \\ + 24 \\ \hline 216 \end{array}$

#3. (time, # of passengers)

Iron Dragon

C1,	2000	}
C2,	4000	
C3,	6000	
C4,	8000	
C5,	10000	}
C6,	12000	
C7,	14000	}
C8,	16000	
C9,	18000	}
C10,	20000	